



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/591,659	06/09/2000	Gregory Allen North	1042-EP	3262
7590 05/25/2004 Winstead Sechrest & Minick 5401 Renaissance Tower 1201 Elm			EXAMINER NGO, CHUONG D	
			Dallas, TX 75270	
			DATE MAILED: 05/25/2004	ノム

Please find below and/or attached an Office communication concerning this application or proceeding.

of

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be wisulable under the provious of 3° CPR 1.136(s). In no event, however, may a neply be timely filed Extensions of time may be wisulable under the provious of 3° CPR 1.136(s). In no event, however, may a neply be timely filed Extension of time may be a wisulable under the provious of 3° CPR 1.136(s). In no event, however, may a neply be timely filed If the period for reply specially alloweds. No extension of 3° CPR 1.136(s), a reply within the actual to reply within the set or extended period for reply will, by statute, cause the application to become ARADONED (35 U.S.C. § 135). Falsar to reply within the set or extended period for reply will, by statute, cause the application to become ARADONED (35 U.S.C. § 135). Falsar to reply within the set or extended period for reply will, by statute, cause the application to become ARADONED (35 U.S.C. § 135). Falsar to reply within the set or extended period for reply will, by statute, cause the application to become ARADONED (35 U.S.C. § 135). Falsar to reply within the set or extended period for reply will, by statute, cause the application to become ARADONED (35 U.S.C. § 135). Falsar to reply within the set or extended period for reply will, by statute, cause the application to become ARADONED (35 U.S.C. § 135). Falsar to reply within the set or extended period for reply will, by statute, cause the application to become ARADONED (35 U.S.C. § 135). Falsar to reply within the set or extended period for reply will, by statute, cause the application to become ARADONED (35 U.S.C. § 130). Falsar to reply within the set or extended period for reply period within the reply will be application as to the merits is closed in accordance with the practice of the period period for formal matters, proceeding the set of the period period for formal matters, proceeding the set of the period formal period for formal period for formal period						
Examiner Chuong D Ngo - The MAILING DATE of this communication appears on the cover sheet with the correspondence address − Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Desire of the cover is a proper of the cover sheet with the correspondence address − Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Desire of the cover is a proper of the cover of		Application No.	Applicant(s)			
Chuong D Ngo 2124	0.55	09/591,659	NORTH ET AL.			
The MALING DATE of this communication appears on the cover sheet with the correspondence address − Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALING DATE OF THIS COMMUNICATION. Extensions of an energy be without one of 37 CFR 1.36(s), in no event, however, may a reply be timely filled Extensions of energy sepecified above is less than thirty (30) days, a reply within the statutory minimum of binky (30) days will be considered simely. If the period for reply sepecified above is less than thirty (30) days, a reply within the statutory minimum of binky (30) days will be considered the period for reply sepecified above is less than thirty (30) days, a reply within the statutory minimum of binky (30) days will be considered the period of the considered them. If the period for reply sepecified above is less than thirty (30) days, a reply within the statutory minimum of them to reply sepecified to the considered them. If the period for reply sepecified above is less than thirty (30) days, a reply within the statutory minimum of them them days will be considered them. If the period for reply sepecified above is less than thirty (30) days will be considered them. If the period for reply sepecified above is less than thirty (30) days will be considered them. If the period for reply sepecified above is less than thirty (30) days will be considered them. If the period for reply sepecified above is less than thirty (30) days will be considered them. If the period for reply sepecified to this consideration is non-final. If the period for reply sepecified to the minimum of them them them days and the period of them days and the period of them days and them days	Office Action Summary	Examiner	Art Unit			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION. I HE MALLING DATE OF THIS COMMUNICATION. I the SIX (6) MONTIS from the mailing date of his communication. I the period for pely specified above, the mailting date of his communication. I the period for regly is specified above, the mailting date of his communication. I the period for regly specified above, the mailting date of his communication. I the period for regly specified above, the mailting date of this communication. I the period for regly specified above, the mailting date of this communication. I the period for regly specified above, the mailting date of this communication of the period of the specified above, the mailting date of this communication, and the period of the specified and the specified a		1	l f			
THE MAILING DATE OF THIS COMMUNICATION. Esterations of time may be available under the provisions of 3 CFR 1.13(a). In no event, however, may a reply be timely flied and set SIX (6) MCRITIS from the mailing date of rise communication. I set a six (6) MCRITIS from the mailing date of rise communication. I set of the communication of the comm	The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with the c	orrespondence address			
1) Responsive to communication(s) filed on 12 March 2004. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-35 is/are pending in the application. 4a) Of the above claim(s) 18-35 is/are withdrawn from consideration. 5) Claim(s) 1-9 is/are rejected. 7) Claim(s) 1-9 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 1-9 is/are objected to. 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) sceepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Acknowledgment is made of a claim for foreign priority documents have been received in Application No. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received.	THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a repl - If NO period for reply is specified above, the maximum statutory period of Failure to reply within the set or extended period for reply with, by statute Any reply received by the Office later than three months after the mailing	36(a). In no event, however, may a reply be time y within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from the cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. 8 133).			
2a) ☐ This action is FINAL. 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☐ Claim(s) 1-35 is/are pending in the application. 4a) Of the above claim(s) 18-35 is/are withdrawn from consideration. 5) ☐ Claim(s) 1-9 is/are allowed. 6) ☐ Claim(s) 1-9 is/are ejected. 7) ☐ Claim(s)	Status					
2a) ☐ This action is FINAL. 2b) ☐ This action is non-final. 3] ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4] ☐ Claim(s) 1-35 [s/are pending in the application. 4a) Of the above claim(s) 18-35 [s/are withdrawn from consideration. 5] ☐ Claim(s) 1-9 [s/are allowed. 6] ☐ Claim(s) 1-9 [s/are rejected. 7] ☐ Claim(s) is/are objected to. 8] ☐ Claim(s) is/are objected to. 8] ☐ Claim(s) is/are objected to by the Examiner. 10] ☐ The specification is objected to by the Examiner. 4pplication Papers 9] ☐ The specification is objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11] ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12] ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)	1) Responsive to communication(s) filed on 12 M	larch 2004				
3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-35 is/are pending in the application. 4a) Of the above claim(s) 18-35 is/are withdrawn from consideration. 5) Claim(s) 10-17 is/are allowed. 6) Claim(s) 19-17 is/are allowed. 7) Claim(s) 19-17 is/are eljected. 7) Claim(s) 19-18 is/are objected to. 8) Claim(s) 19-18 is/are objected to. 8) Claim(s) 19-18 is/are objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1 Certified copies of the priority documents have been received in Application No 3 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received.	_					
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1.35 is/are pending in the application. 4a) Of the above claim(s) 18.35 is/are withdrawn from consideration. 5) Claim(s) 10.17 is/are allowed. 6) Claim(s) 1.9 is/are rejected. 7) Claim(s) 1.9 is/are rejected. 8) Claim(s) 1.9 is/are objected to. 8) Claim(s) 1.9 is/are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received.	,		secution as to the merits is			
4) ☐ Claim(s) 1-35 is/are pending in the application. 4a) Of the above claim(s) 18-35 is/are withdrawn from consideration. 5) ☐ Claim(s) 10-17 is/are allowed. 6) ☐ Claim(s) 1-9 is/are rejected. 7) ☐ Claim(s)	·					
4a) Of the above claim(s) 18-35 is/are withdrawn from consideration. 5) □ Claim(s) 10-17 is/are allowed. 6) □ Claim(s) 1-9 is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) is/are objected to. 8) □ Claim(s) is/are objected to by the Examiner. 4Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in his National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	Disposition of Claims					
9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Attachment(s) Paper No(s)/Mail Date Paper No(s)/Mail Date S) Notice of Draftsperson's Patent Drawing Review (PTO-948) Dinformation Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	 4a) Of the above claim(s) <u>18-35</u> is/are withdraw 5) Claim(s) <u>10-17</u> is/are allowed. 6) Claim(s) <u>1-9</u> is/are rejected. 7) Claim(s) is/are objected to. 	vn from consideration.				
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 10 Notice of References Cited (PTO-892) 21 Notice of Draftsperson's Patent Drawing Review (PTO-948) 22 Notice of Draftsperson's Patent Drawing Review (PTO-948) 23 Notice of Informal Patent Application (PTO-152)	Application Papers					
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Ohice of References Cited (PTO-892)	9) The specification is objected to by the Examine	er.				
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some colon None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Interview Summary (PTO-413) Paper No(s)/Mail Date. 5) Notice of Informal Patent Application (PTO-152)	10) ☐ The drawing(s) filed on is/are: a) ☐ acc	epted or b)□ objected to by the B	Examiner.			
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Oheroword Pto-413 Paper No(s)/Mail Date. Oheroword Pto-152 Paper No(s)/Mail Date.	Applicant may not request that any objection to the	drawing(s) be held in abeyance. See	e 37 CFR 1.85(a).			
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Attachment(s) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Notice of Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Notice of Informat Patent Application (PTO-152)						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Notice of References Cited (PTO-892)	11)☐ The oath or declaration is objected to by the Ex	caminer. Note the attached Office	Action or form PTO-152.			
a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Notice of References Cited (PTO-892)	Priority under 35 U.S.C. § 119					
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) A) Interview Summary (PTO-413) Paper No(s)/Mail Date Notice of Informal Patent Application (PTO-152)	 a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureau 	s have been received. s have been received in Application rity documents have been received u (PCT Rule 17.2(a)).	on No ed in this National Stage			
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) A) Interview Summary (PTO-413) Paper No(s)/Mail Date Notice of Informal Patent Application (PTO-152)	Attachment(s)					
Paper No(s)/Mail Date Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Notice of Informal Patent Application (PTO-152)	1) Notice of References Cited (PTO-892)	4) Interview Summary	(PTO-413)			
	3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	Paper No(s)/Mail Da 5) Notice of Informal P	ite			

Application/Control Number: 09/591,659 Page 2

Art Unit: 2124

DETAILED ACTION

7

- 1. Claims 1-7 stand rejected under 35 U.S.C. 102(e) as being clearly anticipated by Tanoue et al. (6,233,597) for the same reason set forth in paragraph 7 in the last Office action dated 11/10/2003.
- 2. Claims 8 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tanoue et al. (6,233,597) in view of Landers et al. (WO 98/32071) for the same reason set forth in paragraph 8 in the last Office action dated 11/10/2003.
- 3. Claims 10-17 are allowed.
- 4. Applicant's arguments filed 03/12/04 have been fully considered but they are not persuasive regarding Tanoue et al. reference. It is respectfully submitted that the claims recite the multiplexer circuitry selecting the third and fourth operands, not each of the third and fourth operands, from the contents of a set of associated source register, data output from the multiplier array and data output from the adder. Figure 1 of Tanoue et al clearly shows the multiplexer circuitry (18,19) selecting the third and fourth operands as the inputs to the adding means (14) from of a set of associated source register (20), data output form the multiplier array (13) and data output from the adding means (14) as claimed.

Page 3

Art Unit: 2124

5. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

- This application contains claims 18-35 drawn to an invention nonelected in Paper
 No. 8. A complete reply to the final rejection should include cancelation of nonelected claims.
- 7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuong D Ngo whose telephone number is (703) 305-9764. The examiner can normally be reached on Tuesday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (703) 309-9662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 09/591,659

Art Unit: 2124

Page 4

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chuong D Ngo
Primary Examiner

Art Unit 2124

05-21-2004